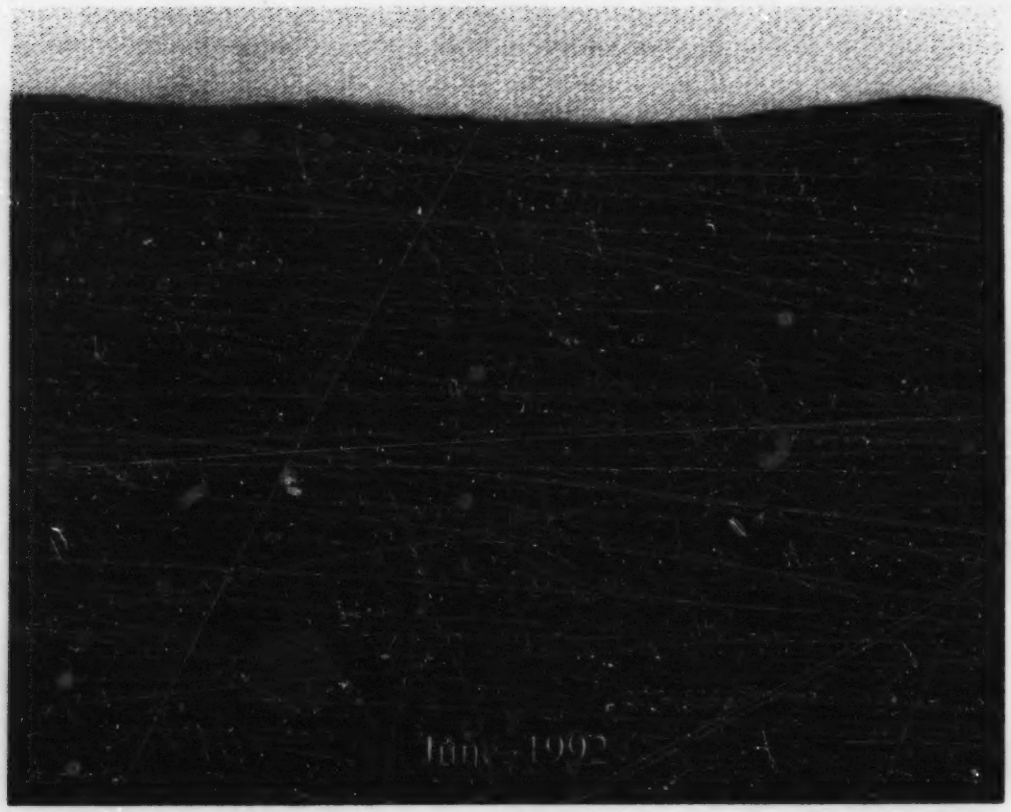
FORESTRY CANADA
GREEN PLAN

CANADA'S MODEL FOREST NETWORK

- PROPOSED SITES -

Canada's Model Forest Network

- Proposed Sites -



Forestry Canada Forêts Canada

102-06767/

Minister of Forestry | Ministre des Forêts

CANADA

The Honourable L'honorable

Frank Oberle

In December 1990, the Government of Canada announced its Green Plan for a Healthy Environment. Integral to the plan was the development of our key renewable resources - forestry, fisheries and agriculture.

Not only do the forests of Canada represent an ever expanding array of economic, biologic and cultural values but they are also our single most important resource sector contributor to the Canadian economy. In the fall of 1991 I launched a $100 million program "Partners in Sustainable Development" to stimulate creative new management regimes which would promote and encourage the concept of sustainable development. I am pleased to advise that provincial governments and the many organizations involved in forestry and forestry issues have been very supportive of the program.

The core of this program is the establishment of a national network of Model Forests. These forests will be living laboratories of each of the principal forest types we have in Canada and, the Model Forest will be targeted for the latest in modern management techniques. Scientific research and technology transfers will enhance both the integrity of our forests and their economic contribution. The knowledge that will be gained from these laboratories will be disseminated widely at home and abroad and the co-operation of the partners in the operation of the Model Forests will be an inspiration to others.

A National Advisory Committee on Model Forests was struck and I would like to pay tribute to its members for their diligence and dedication in assessing the many candidate projects put forward by groups from coast to coast. Their professional competence and integrity ensured that the sites of future Model Forests would be of the highest calibre and within the published selection guidelines.

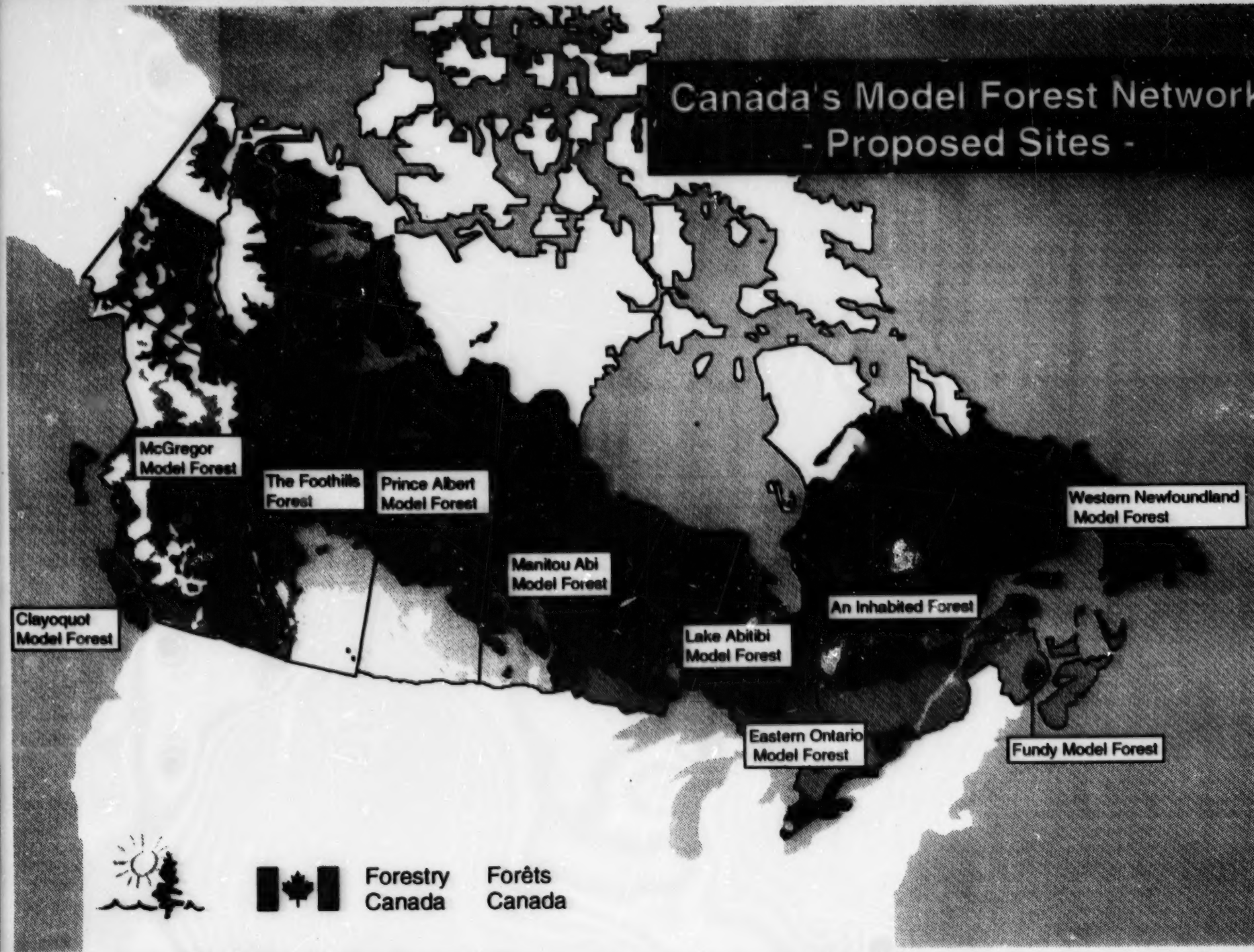
I have received the Advisory Committee Report and am pleased to accept its advice. It became apparent however that the preliminary scope of the program did not permit the important significance of the eastern boreal forest to be recognized fully and I therefore re-allocated funding to provide for a model forest of this type to complete our national network.

On behalf of the Government of Canada I would like to thank everyone who participated in and supported the Model Forests program.

Sincerely,

Frank Oberle

Ottawa, Canada K1A 0A6


Canada's Model Forest Network
- Proposed Sites -
McGregor Model Forest
The Foothills Forest
Prince Albert Model Forest
Manitou Abi Model Forest
Clayoquot Model Forest
Lake Abitibi Model Forest
An Inhabited Forest
Western Newfoundland Model Forest
Eastern Ontario Model Forest
Fundy Model Forest
Forestry Canada
Forêts Canada

CLAYOQUOT SOUND MODEL FOREST

Location: West Coast of Vancouver Island
Forest Region: Coast
Area (hectares): 400,000

Partners

Communities
- *Nuu-chah-nulth Tribal Council*
- *City of Port Alberni*
- *District of Tofino*
- *Village of Ucluelet*
- *Regional District of Alberni-Clayoquot*

Interest Groups
- *Aquaculture*
- *Fishing*
- *Labour*
- *Mining*
- *Small Business*
- *Interfor*
- *MacMillan Bloedel*
- *Timber-Small Business*
- *Tourism*

Government
- *Agriculture, Fisheries and Food*
- *Energy, Mines and Petroleum Resources*
- *Environment, Lands and Parks*
- *Economic Development, Small Business and Trade*
- *Tourism and Culture*
- *Fisheries and Oceans*
- *Parks Canada*

The 400 000 hectare area proposed as the Clayoquot Model Forest is found within the Regional District of Alberni-Clayoquot on the west coast of Vancouver Island. This area is the heart of Canada's coastal rainforest and encompasses Meares Island, a well known example of the west coast rainforest ecosystem. The model forest area, with its majestic scenery of coastal shores, forests and mountains, is also home to major forest-based industries, mining and fishing activities that are important to local lifestyles and to the economy. Now, as demand for these diverse resource values increases, a balance between sustaining natural old growth forests and economic activities must be found. Much thought, skill and cooperation are therefore required to sustain these values and to enable them to coexist.

The Clayoquot Model Forest partnership committee will demonstrate sustainable development within the Clayoquot Model Forest through planning the use of the timber resource while taking into account the requirements of the other non-timber values. The committee includes representatives from local community groups, labour, industry and federal and provincial departments and agencies.

The model forest management objectives recognize the needs of all forest users and will lead to true integrated resource management. The newest forest management techniques as well as the latest concepts in consensus management will be incorporated into this model forest. New forest practices will be tested and adapted for use throughout the model forest area. Public education and training of interest groups, industry, other resource agencies and forest managers will be conducted using the most advanced technologies available.

McGREGOR MODEL FOREST

Location: North-central British Columbia, North-east of Prince George
Forest Region: Montane
Area (hectares): 180,000

Partners

British Columbia Ministry of Forests
Northwood Pulp & Timber
British Columbia Forestry Association
Fisheries and Oceans Canada
Ministry of Environment
IWA-Canada
Allied Rivers Commission
College of New Caledonia
Cortex Consultants Inc.
City of Prince George
School District # 57
PAPRICAN
Environment Canada
ESRI Canada
Forintek Canada Corporation
Federation of BC Naturalists
Outdoor Recreation Council
BC Wildlife Federation
Forestry Canada
Canadian Paperworkers Union
BC Forest Alliance
BC Forestry Association
FERIC
University of British Columbia
University of Northern British Columbia

The proposed McGregor Model Forest is located in the Montane and Subalpine Forest Regions of North-Central British Columbia. The land base of the Model Forest is Tree Farm Licence 30, and covers 180 767 hectares. Of this area, 180 036 hectares are provincial Crown Land, and 731 hectares is privately owned by the Licencee, Northwood Pulp and Paper.

The city of Prince George lies about 25 kilometers southwest of the Model Forest area. Access to the area is well developed, with 211 kilometers of main roads and 1300 kilometers of branch and other access roads. All roads are maintained and open to the public. While timber management is the primary focus of the Tree Farm Licence operations, other resource uses such as cross country skiing, hiking, wildlife viewing, hunting and fishing are integrated into the planning of the Tree Farm Licence.

The McGregor Model Forest Program will develop the systems, technologies, knowledge base and processes by which to enhance integrated resource management and achieve the sustainable development of the forests and its many resources. The Program seeks to do this in five ways:

1. by linking the development of long-term landscape-level plans with shorter-term, site-specific plans through the use of common, geo-referenced land units;

2. by developing socioeconomic indicators to quantify management objectives such as biodiversity, recreation and visual resource values; and by so doing, to make possible their comparison in the evaluation of alternative management options;

3. by developing the knowledge base on how different ecosystems respond to various forestry practices, and by designing "Best Management Practices" to ensure the conservation of soil, water and site productivity;

4. by implementing technologies developed in the Model Forest Program to TFL 30 operations to obtain the feedback necessary to calibrate and support the ongoing development of these technologies and processes; and

5. by mounting outreach information and education programs to audiences within and external to the McGregor Model Forest to improve two-way communications between all stakeholders and interested parties.

THE FOOTHILLS FOREST

Location: Eastern Slopes of the Rocky Mountains east of Jasper National Park in west central Alberta
Forest Region: Sub-alpine
Area (hectares): 1,218,014

Partners

Alberta Newsprint Company
Canadian Parks Service, Jasper National Park
Alberta Tourism, Parks and Recreation, W.A. Switzer Prov. Park
Cardinal River Coals Ltd.
Gregg River Resources Ltd.
Improvement District 14
Luscar Sterco (1977) Ltd.
Obed Mountain Coal Ltd.
Proctor and Gamble Cellulose Ltd.
Town of Hinton
Alberta Department of Tourism, Parks, and Recreation
Alberta Environmental Centre
Alberta Fish and Game Association
Alberta Oil and Forestry Review Quarterly
Alberta Research Council
Alberta Solicitor General Department
Canadian Environmental Assessment Research Council
Canadian International Development Agency
Canadian Petroleum Association, Surface Rights Committee
Canadian Wildlife Service
Crestwood Hotel
Employment and Immigration Canada, Canada Employment Centre
Energy Resources Conservation Board
Environmental Systems Research Inst. Canada Ltd.
Ernst and Young Management Consultants
Evergreen Tourist Association
Finning Caterpillar Ltd.
Forest Engineering Research Institute of Canada
Forestry Canada, Northern Forestry Centre
Forestry Canada, Petawawa National Forestry Institute
Fox Creek Development Association Ltd.
International Woodworkers of America
Industry, Science and Technology Canada
Canadian Aboriginal Economic Development Strategy
Hughes Aircraft of Canada Ltd.
Norcen Energy Resources Ltd.
Northern Alberta Institute of Technology
Northwood Pulp and Timber Ltd.
Nova Corporation of Alberta
Metis Nation of Alberta Forestry, Lands and Wildlife
Framework Action Committee
Pan-Canadian Petroleum Ltd.
Petro-Canada Inc.
Petroleum Industry Training Service
Quadco Equipment Inc.
RH Swanson and Assoc. Land-Use Hydrological Consultants
Rocky Mountain Elk Foundation Canada
Sentar Consultants Ltd.
The World Bank
Timbco Hydraulics Inc.
Trans-Alta Utilities Corporation
Trout Unlimited
University of Alberta, Department of Forest Science
West Yellowhead Community Futures Association
Wildlife Habitat Canada
World Wildlife Fund Canada
Yellowhead Highway Association
Alberta Forest Products Association
Alberta Forestry Association
Alberta Registered Prof. Foresters Association
Alberta Trapper's Association
Alberta Wilderness Association
Canadian Institute of Forestry
Canadian Nature Federation
Canadian Parks and Wilderness Society
Canadian Society of Environmental Biologists
Canadian Wildlife Federation
City of Edmonton
Federation of Alberta Naturalists
Harry Collinge High School
Hinton and District Chamber of Commerce
Jasper School Board (Municipal Body)
The Wildlife Society, Alberta Chapter
Town of Edson
Town of Grande Cache

The 1 218 014 ha Foothills Forest, bordering Jasper National Park, is sponsored by Weldwood of Canada Ltd., the Forest Technology School, Alberta Forestry, Lands, and Wildlife, and 73 other partner organizations. The broad coalition of partners represents all stakeholders, including government, other industry, and the public. Partners will build on 37 years of progressive forest management towards sustainable development and integrated management of forest resources through conservation and cooperation.

The partners will use support from the Model Forests Program to accelerate and expand in-place initiatives in forest operations innovation, integrated resource management, decision support systems, research, technology transfer, and public involvement. The major goal is a multi-stakeholder integrated resource management strategy developed through a consensus process. Twenty-three projects and 158 activities are proposed to support this goal.

The strategy will be prepared within a framework of stewardship and ecological integrity, accurate resource information, supportive planning processes, multi-stakeholder partnerships, the best available technology, and adaptive management by objectives. In-place expertise, infrastructure, and progress towards sustainable development objectives is already well developed.

The Foothills Forest is ideally located and positioned to achieve sustainable development. Leadership in technology transfer and demonstration will promote a functional model of sustainable development, with a balance between forest environments and uses, to Canadian and international audiences.

PRINCE ALBERT MODEL FOREST

Location: Central Saskatchewan, 70 km north of Prince Albert
Forest Region: Boreal
Area (hectares): 367,034

Partners

Weyerhaeuser Canada Ltd., (Saskatchewan Division)
Prince Albert National Park
Federation of Saskatchewan Indian Nations
Prince Albert Tribal Council
Montreal Lake Indian Band
Saskatchewan Section, CIF/IFC
Lac La Ronge Indian Band
Saskatchewan Parks and Renewable Resources

The Prince Albert Model Forest is located 70 km north of Prince Albert, Saskatchewan. The Prince Albert Model Forest Partnership of industry, Federal conservation and Provincial resource management agencies, and First Nations, encompasses the full spectrum of philosophies, cultural backgrounds, social values, management intents, legislation and policies, and economic goals.

A significant portion of the area is an active part of Weyerhaeuser Canada's Forest Management Licence Agreement. Additional forest products are produced on lands of the Montreal Lake and La Ronge Indian Bands. Protected areas and recreational use occur in Prince Albert National Park and Candle Lake Provincial Park. Many commercial, subsistence, and educational activities occur throughout the area. A combination of developments and zoned wilderness area, effectively embrace the full spectrum of forest management.

The Prince Albert Model Forest Partners recognize that the sustainability of the forest environment for all benefits is dependent on the maintenance of the integrity and health of the diverse ecosystems; humans are an integral part of these ecosystems.

The partnership created sees that the current system of independent, single purpose objective setting among agencies and groups must be set aside, and be replaced by integrated resource management planning. This planning will be supported by adequate ecological, social and economic information on which to base decisions. The process must include a wide range of participants including those with a direct stakehold in the area.

The model forest provides the opportunity to establish and compare natural and managed ecosystem processes, and to experiment with new ideas both in the short and long term. The Prince Albert Model Forest will be the land base on which the methods, processes, socio-economic and ecological forecasting tools, and forestry related technology will be developed and tested.

Each of the partners expects that the technical knowledge and experience gained in working cooperatively on the model forest will provide the foundation for long term relationships on much larger forest lands in the province of Saskatchewan. The transfer of technology from the model forest to other forest managers as well as the transfer of technology from other areas to the model forest will receive major attention. The message of the benefits of cooperative management based on knowledge and sharing of decisions will be conveyed to the Canadian and international publics through a variety of avenues.

MANITOU ABI MODEL FOREST

Location: South-east of Lake Winnipeg, north of Winnipeg
Forest Region: Boreal
Area (hectares): 1,047,069

Partners

Abitibi-Price Inc., Pine Falls Division
Department of Natural Resources, Forestry Branch
Manitou Abi First Nations
T.R.E.E. (Time to Respect Earth's Ecosystems)
Manitoba Naturalists Society
Forestry Canada
Sustainable Development Unit, Province of Manitoba
Private Land Owner Associations
Manitoba Universities
Synthen Resources Limited

Situated one hour's drive from Winnipeg, the Manitou Abi Model Forest, principal supply area for Abitibi Price's newsprint mill at Pine Falls, Manitoba, as well as other regional operators, represents an outstanding example of Canada's boreal forest. The forest's one million hectares contain a patchwork of boreal ecosystems, commercially important stands, protected areas, essential wildlife habitat and species (including a threatened herd of woodland caribou), and aquatic ecosystems. A multitude of other forest values and uses (recreation, wild rice production, hunting, fishing and traditional Aboriginal pursuits) also characterize the area.

Manitou Abi Model Forest management already incorporates principles of integration and sustainability, utilizing Geographic Information Systems (GIS) technology and the results of a recent comprehensive environmental assessment. Under the guidance of an existing Stakeholders' Partnership, the Project represents an unparalleled opportunity for research and evaluation of advanced practices and innovative management approaches. Most importantly, it affords unique opportunities for fostering an improved understanding of the Boreal forest, its ecology, management, values and uses to managers, technicians, stakeholders and the public.

The partnership's vision, embodied in a bold and comprehensive plan of work, is to build on these unique attributes to create and demonstrate an operationally viable, ecologically sustainable and broadly supported model of Boreal forest management.

LAKE ABITIBI MODEL FOREST

Location: Northeastern part of Ontario
Forest Region: Boreal
Area (hectares): 1,094,690

Partners

The Corporation of the Town of Cochrane
The Corporation of the Township of Glackmayer
The Cochrane Board of Trade
Norbord Industries, Cochrane Division
The Cochrane Recycling and Environmental Workers (CREW)
Birchill Forest Renewal Centre
Blazecka's Greenhouses
Lindbeg's Hunting & Fishing Air Service Ltd.
Konopelky Air Service Ltd.
Forestry Canada Ontario Region (FCOR)
Forest Engineering Research Institute of Canada (FERIC)
Pulp and Paper Research Institute of Canada (PAPRICAN)
Ducks Unlimited

The Lake Abitibi Model Forest, located about 100 km NE of Timmins, Ontario, brings together the forest resource users of the region, working together to achieve a common goal - the goal of sustainable development of forests. This area was the first to be designated as a Forest Management Agreement, and there has been a history of innovation in forest management in Ontario.

Growth and economic viability of the local communities depend on the natural resources of the Claybelt Region of the Boreal Forest. The establishment of the Lake Abitibi Model Forest in this region will accelerate the implementation of new techniques and innovative approaches to forest management, as well as test and demonstrate the best sustainable forestry practices using the most advanced technology.

A new approach to forest management will be the involvement of fifteen local partners to ensure that decisions take into consideration the needs of all forest users. Open communication and commitment will result in proactive integrated resource management. This in turn will bring the partners and communities closer together. Sustainable development of the forest resource will ensure a stable future for the communities and forest users.

The Lake Abitibi Model Forest partners, listed above, are eager to take on the challenge of the Model Forest. This unique opportunity enables the partners to implement the goals and objectives of the Lake Abitibi Model Forest with velocity and commitment.

EASTERN ONTARIO MODEL FOREST

Location: Eastern Ontario, north of the St. Lawrence River
Forest Region: Great Lakes - St. Lawrence
Area (hectares): 1,534,115

Partners

Mohawk Council of Akwesasne
Ontario Ministry of Natural Resources, Kemptville District
Ontario Professional Foresters Association, Central-East Section
South Grenville Economic Development Commission
Stormont Soil and Crop Improvement Association
Domtar Inc., Forest Products Division
OMNR Southern Ontario Forest Health Unit
Resource Efficient Agricultural Production-Canada (REAP)
South Nation River Conservation Authority
Rideau Valley Conservation Authority
Mutual Association for the Protection of Lake Environments in Ontario (MAPLE Inc.)
HMD Consulting Group Inc.
Dendron Resource Surveys Inc.
Alfred College of Agriculture and Food Technology (OMAF)
La Cité Collegiale (Forestry Department)
Kemptville College of Agricultural Technology
Lanark and District Maple Syrup Producers Association
Drentex Field Services
Lanark County Heritage Region Program
National Capital Commission
Rideau Trail Association
St. Lawrence Parks Commission
Rideau Valley Field Naturalists Club

The Eastern Ontario Model Forest proposal was developed by a diverse group of individuals, representing resource management agencies, private landowners and industry, who are interested in a broader array of forest values. The total area of the Eastern Ontario Model Forest is 1, 534,115 hectares and covers a wide range of land uses. The majority of the land is privately owned, with the remainder in public ownership. Productive forest lands comprise 38% of the area (558,915 hectares) with 88% of this being privately owned.

The model forest activities proposed are designed to build on the strengths of existing forest programs in eastern Ontario while addressing weaknesses that could inhibit the development of sustainable forestry. A Stewardship Council is proposed that would incorporate a democratic form of public participation and facilitate the formation of partnerships. A strong public awareness and education program will ensure the development of a stewardship land ethic among residents of the Model Forest area.

The importance of accurate resource information and landscape based planning is addressed. A well organized, client-focused technology development and transfer program has been incorporated. This program will provide resource management agencies and private landowners with the tools needed to accelerate the evolution of sustainable forestry from concept to operational practices. A mechanism for identifying research needs and obtaining research support has been incorporated.

The proposal embodies the concept of sustainable forestry and contains the building blocks needed for a world class model. The proposed Eastern Ontario Model Forest is strategically located in a highly populated area. With the diverse ownerships of a unique forest, it presents an excellent opportunity for the demonstration of sustainable forestry.

AN INHABITED FOREST, MODEL OF SUSTAINABLE DEVELOPMENT

Location: Témiscouata-Restigouche in the central-eastern part of Québec
Forest Region: Great Lakes - St. Lawrence
Area (hectares): 112,634

Partners

Le Groupement forestier de l'Est-du-Lac Témiscouata Inc.
Le Syndicat des producteurs de bois du Bas-Saint-Laurent
Le Faculté de foresterie et de géomatique de l'Université Laval
Abitibi-Price Ltée
Association forestière québécoise (AFQ)
Associaton touristique régionale
Association pour la protection de l'environnement des lacs Squatec et Témiscouata (APPEL)
Fédération des Caisses Populaires Desjardins du Bas-Saint-Laurent
Centre d'enseignement et de recherche en foresterie de Sainte-Foy inc. (CERFO)
Commerce d'importation Sylvana inc.
Fondation de la faune du Québec
Hydro-Québec
Ministère de l'Agriculture, des Pêcheries et de l'Alimentation (MAPAQ)
Ministère de l'Environnement (MENVIQ)
Ministère du Loisir, de la Chasse et de la Pêche (MLCP)
Municipalités régionales de comté (MRC)
Papiers Cascades Cabano inc.
Scierie Bégin et Bégin inc.
Scierie Métis
Union des producteurs agricoles (UPA)
Union québécoise pour la conservation de la nature (UQCN)
Université du Québec à Rimouski (UQAR)

The proposed Model Forest is situated at the heart of an inhabited forest tract in Eastern Québec. It is composed of large and small private forests in the Great Lakes - St. Lawrence forest region (Témiscouata-Restigouche section).

The region affected by the project possesses a rich tradition of forest management. For more then 30 years, the Bas-Saint-Laurent has been Québec's leader in the management of small private forests. The project thus rests on a solid foundation of experience that will serve to ensure its success.

The ultimate goal of the project is to demonstrate the capacity of local people to participate in integrated resource management. We wish to show that it is possible to use the various resources of the private forest in a spirit of partnership that takes into account both the need for a dynamic rural economy and the necessity of maintaining the integrity of natural ecosystems.

Implementation of the project will require:

1. the development of a system of integrated resource management applicable to small private forests;

2. the establishment of a "tenancy" formula for large private forests;

3. the exploration of new ways of establishing common objectives that respect the needs of individuals, social groups and forest ecosystems (this would mean harmonizing the interests of the various partners and reconciling differences);

4. the establishment of an on-going record of the Model Forest activities so that the lessons and experiences of the project remain available for future generations;

5. setting up mechanisms to ensure that the project facilitates research for the benefit of all.

In conclusion, the Model Forest will attest to the strategic importance of private forests in Canada.

FUNDY MODEL FOREST

Location: Southern New Brunswick
Forest Region: Acadian
Area (hectares): 419,266

Partners

J. D. Irving Limited
SNB Wood Producers Cooperative Ltd.
New Brunswick Department of Natural Resources and Energy
New Brunswick Premier's Round Table on the Environment and Economy
Canadian Parks Service ,Environment Canada (Fundy National Park)
School District 19
Fawcett Lumber Company
Faculty of Forestry, University of New Brunswick
Maritime Forest Ranger School
New Brunswick Conservation Council
Greater Fundy Ecosystem Research Group
Sussex Town Council
Fundy Region Development Commission Inc.
New Brunswick Federation of Naturalists
Sussex Fish and Game Association
Petitcodiac Sportsmen's Club
Canadian Institute of Forestry - Maritime Section
New Brunswick Executive Forest Research Advisory Committee
Atlantic Society of Fish and Wildlife Biologists
Pesticides Advisory Board, New Brunswick Department of the Environment

The proposed Fundy Model Forest is a 400 000 hectare working forest centrally located in southern New Brunswick near the province's three major cities. It comprises a diversity of ownerships including industrial freehold land, Crown land, a national park, and many small private woodlots. Forest utilization has always been a focus of the area, with intensive silviculture treatments ongoing since 1969.

From a recreational view point, the area is important to thousands of local enthusiasts and visiting tourists. The importance of forestry to the economy of the local area, coupled with the diverse ownerships, and the nearby presence of a large and keenly interested public - all impacting upon a sensitive ecosystem - provides a management challenge.

The strategic goal of the Fundy Model Forest is to derive the full economic potential from the forest resources through the implementation of a practical working environmentally sustainable management plan that encompasses multiple-use objectives. Achieving this goal will require research to enhance our knowledge of forest ecosystems, their dynamics, and the cause/effect relationships impacting them.

Education, communication, and the active participation of the public will all be integral components of the Fundy Model Forest strategy.

WESTERN NEWFOUNDLAND MODEL FOREST

Location: Western Newfoundland
Forest Region: Boreal
Area (hectares): 707,060

Partners

Corner Brook Pulp and Paper Ltd.
The Centre for Forestry and Environmental Studies of Fisher Institute
The City of Corner Brook
The Newfoundland Forest Service
The Humber Environment Action Group Forest Committee
The Wildlife Division of the Newfoundland Department of Environment and Lands
Abitibi-Price Inc., Grand Falls Division

The balsam fir forest of western Newfoundland is the primary source of raw material for two of the province's three newsprint mills. This forest also provides many other values to the more than 35,000 residents of the proposed Model Forest area. It contains some of the most rich and varied wildlife habitat in the province including the only known concentration of the threatened Newfoundland Pine Marten. It is heavily used for many forms of outdoor recreation, is a supply of fuelwood and other timber for domestic use by the residents and contains the water supply for several communities in the area.

Traditional forest management in this area has concentrated on timber production and largely ignored or left to chance other resource values. Because of this, conflicts between timber management and other resource values are arising with increasing frequency. Clearly, the only way to resolve these issues is through a process which adequately addresses all aspects of resource management. Integrated resource management tools to resolve such conflicts are not currently available. The Model Forest project described in this proposal will develop the tools necessary for integrated resource management; will develop a planning process, incorporating public involvement, required to effectively utilized these tools; and will test and demonstrate this process in the Model Forest area. Costs and trade offs between conflicting resource values will be evaluated and means of resolving conflicts will be investigated.